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United States Department of Agriculture
Agricultural Research Administration
Bureau of Entomology and Plant Quarantine

LIST OF PUBLICATIONS

of the

DIVISION OF INSECTICIDE INVESTIGATIONS

R. C. Roark, Principal Chemist in Charge

for the period

July 1, 1950 to December 31, 1950*

Some of the publications listed below were prepared jointly by members of the Division of Insecticide Investigations and those of other organizations. The asterisk indicates the authors not connected with this Division. The following only are available for distribution: index numbers 1063, 1064.

Index
No.

1061. A rapid vat-side test for assaying toxaphene in cattle dips. C. V. Bowen. U. S. Bur. Ent. and Plant Quar. ET-285, 9 pp. June 1950.
1062. The effect of dosage level and method of administration of DDT on the concentration of DDT in milk. R. E. *Ely, L. A. *Moore, R. H. Carter, H. D. Mann, and F. W. *Poos. U. S. Bur. Dairy Industry BDIM-Inf-104, 4 pp. June 1950.
1063. A digest of information on toxaphene. R. C. Roark. U. S. Bur. Ent. and Plant Quar. E-802, 85 pp. June 1950.
1064. Construction of a simple air flowmeter. R. A. Fulton and Frank S. Phinney. U. S. Bur. Ent. and Plant Quar. ET-287, 3 pp. July 1950.
1065. Preliminary tests with certain N-substituted p-bromobenzene-sulfonamides and p-toluenesulfonamides for synergistic action in pyrethrum fly sprays. W. A. *Gersdorff, Norman Mitlin, and S. I. Gertler. U. S. Bur. Ent. and Plant Quar. E-805, 5 pp. July 1950.

* A complete list of the publications for the period July 1, 1927, (date of organization of the Division of Insecticide Investigations), to June 30, 1950, may be obtained upon request. The articles are listed chronologically regardless of the date on the publication.

1066. Relative toxicity to house flies of DDT, methoxychlor, and dichlorodiphenyl dichloroethane. R. H. *Nelson, W. A. *Gersdorff, and Norman Mitlin. Jour. Econ. Ent. 43: 393-394. June 1950.
1067. An improved syringe hydrometer. C. V. Bowen. U. S. Bur. Ent. and Plant Quar. ET-290, 3 pp. Aug. 1950.
1068. Design of nozzles for low pressure aerosols. R. A. Fulton, A. *Yeomans, and E. *Rogers. Chemical Specialties Manufacturers Association Proc. 36th Mid-Year Meeting, June 12-13, 1950, pp. 51, 86, 87. (Soap and Sanit. Chem. Special Issue).
1069. Report on determination of DDT in plant and animal materials. R. H. Carter. Assoc. Off. Agr. Chem. Jour. 33: 597-599. Aug. 15, 1950.
1070. Report on DDT. E. E. Fleck. Assoc. Off. Agr. Chem. Jour. 33: 760. Aug. 15, 1950.
1071. Report on tetraethyl pyrophosphate. S. A. Hall. Assoc. Off. Agr. Chem. Jour. 33: 761-763. Aug. 15, 1950.
1072. Report on benzene hexachloride. C. V. Bowen. Assoc. Off. Agr. Chem. Jour. 33: 774-782. Aug. 15, 1950.
1073. Report on parathion. Fred I. Edwards. Assoc. Off. Agr. Chem. Jour. 33: 783-787. Aug. 15, 1950.
1074. Plant injury from parathion and related compounds. Fred I. Edwards, Jr. and Floyd F. *Smith. Jour. Econ. Ent. 43: 471-473. Aug. 1950.
1075. Insecticidal action of American species of Heliopsis. W. A. *Gersdorff and Norman Mitlin. Jour. Econ. Ent. 43: 554-555. Aug. 1950.
1076. Relative toxicity to house flies of tetra-n-propyl dithionopyrophosphate. W. A. *Gersdorff and Norman Mitlin. Jour. Econ. Ent. 43: 562. Aug. 1950.
1077. Infrared spectra of cinerolone and synthetic trans-2-(2-butenyl)-4-hydroxy-3-methyl-2-cyclopenten-1-one. H. L. Cupples. Amer. Chem. Soc. Jour. 72: 4522-4523. Oct. 1950.
1078. The DDT content of milk products. H. D. Mann and R. H. Carter, and R. E. *Ely. Jour. Milk and Food Technol. 13(6): 340-341. Nov.-Dec. 1950.
1079. New tests for the Nicotiana alkaloids, nornicotine, and anabasine. Louis Feinstein and Edward T. McCabe. Science 112: 534. Nov. 1950.
1080. A study of DDT deposits on peach foliage and fruit treated for control of the oriental fruit moth. M. H. *Brunson and Louis Kobitsky. U. S. Bur. Ent. and Plant Quar. E-809, 6 pp. Nov. 1950.

1081. Toxicity of organic phosphates to the two-spotted spider mite and the foxglove aphid. Floyd F. *Smith, R. A. Fulton, and S. A. Hall. Jour. Econ. Ent. 43: 627-632. Oct. 1950.
1082. Contamination of meat and milk by chlorinated hydrocarbon insecticides used for livestock pest control. R. C. *Bushland, H. V. Claborn, H. F. Beckman, R. D. *Radeleff, and R. W. *Wells. Jour. Econ. Ent. 43: 649-652. Oct. 1950.
1083. Contamination of milk from DDT sprays applied to dairy barns. H. V. Claborn, H. F. Beckman, and R. W. *Wells. Jour. Econ. Ent. 43: 723-724. Oct. 1950.
1084. Chromatographic separation employing ultraviolet absorbancy ratios. Morton Beroza. Analytical Chemistry 22: 1507-1510. Dec. 1950.

